

Precision throttle valve GRPO-160-1/8-AL

Part number: 542025

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | Flow control function |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Actuation type | Manual |
| Adjusting element | Rotary knob with scale |
| Type of mounting | On sub-base |
| Standard nominal flow rate in flow control direction | 75.8 l/min |
| Operating pressure | 0 bar...8 bar |
| Ambient temperature | -10 °C...50 °C |
| Housing material | PA-reinforced |
| Mounting position | Any |
| Operating pressure from 2 to 1 | 0 bar...0.5 bar |
| Standard nominal flow rate in flow control direction from 1bar to 0 bar | 38 l/min |
| Standard flow rate in flow control direction 6 -> 0 bar | 129 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [5:4:3] Inert gas |
| Information on operating and pilot media | Operation with oil lubrication not possible |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Temperature of medium | -10 °C...50 °C |
| Product weight | 110 g |
| Note on materials | RoHS-compliant |
| Material of sub-base | Wrought aluminum alloy |
| Seals material | NBR PVC |
| Material of screws | Steel |